

20862

S/138/61/000/003/001/006

A051/A129

Ternary copolymers of...

5-vinylpyridine were synthesized on the base of a polymerization formulation adopted for CKC-30A (SKS-30A). The effect of 2-methyl-5-vinylpyridine on the main physico-mechanical properties of vulcanizates was studied and it was found that the ternary copolymers varied depending on the 2-methyl-5-vinyl-pyridine content (Table 1). They were found to have a higher tensility index and elasticity as compared to rubbers based on the ternary copolymer with -methylstyrene. The copolymers of butadiene, styrene and 2-methyl-5-pyridine produced at the ratio of the monomers of 70:25:5 have the most promising properties. Rubbers produced on a CKC-25 MVP-5 (SKS-25 MVP-5) base with gaseous channel and anthracene carbon blacks are superior to similar rubbers based on butadiene-styrene rubber in their wear-resistance and resistance to crack growth in repeated deformations. The formulations of the protector rubbers based on SKS-25 MVP-5 material were developed and an experimental batch of tire casings 6,00 - 16 in size to be used for service tests was manufactured. Table 2 shows the results of the physico-mechanical testing of vulcanizates based on SKS-25 MVP-5 and SKMVP-15A, SKS-30A, SKS-30AM for comparison. The important advantage of butadiene, styrene and 2-methyl-5-vinylpyridine copolymers is said to be the high stability to scorching at elevated temperatures.

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S/178/61/000/003/001/005

AU51/A129

Ternary copolymers of...

(Fig. 1). The effect of certain vulcanizing agents, such as zinc oxide, magnesium oxide, sulfur, as well as certain accelerators, was investigated (Table 3, Fig. 2). The change in the main properties of the vulcanizates depending on the type and amount of carbon black is shown in Figure 3. The noted characteristics of the vulcanizates based on methylvinylpyridine rubbers are thought to be connected with the intensified interaction between the active functional groups in the molecular chain of the copolymer and the carbon black particles, on the surface of which compounds of an acidic nature are adsorbed. In studying the effect of the different softeners, e. g., standard mixtures of rubrax, fuel oil, avtol-18, extract of the phenol purification of petroleum oils, stearin, fatty acids, pine resin and polydienes on the plasto-elastic and physico-mechanical properties, it was seen that the extract of the phenol purification of petroleum oils (U/1/o, PN-6) has the best effect on these properties. Experimental work was carried out to increase the strength of adhesion between the NR breaker tires and the SKS-25 MVP-5 treads by using double-layer treads, where the road rubber contained SKS-25 MVP-5 and the sub-groove rubber SKS-30ARM. The experimental data showed that the fixing of the methylvinylpyridine tread to the NR breaker through a sub-groove layer made of butadiene-styrene rubber ensures a

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S/138/61/000/003/001/006

A051/A129

Ternary copolymers of...

high strength or adhesion of the doubled system. There are 6 tables, 3 sets of graphs, 9 references: 5 Soviet, 3 English, 1 German.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka im. S. V. Lebedeva i Yaroslavskiy shinnyy zavod (All-Union Scientific Research Institute of Synthetic Rubber im. S. V. Lebedev and the Yaroslavl' Tire Plant)

Card 4/

SKAZKIN, F.D.; FEDOROVA, Yu.N.

Effect of excessive soil moisture and nitrogen on some physiological processes and yields of barley with regard to its phasic development. Dokl. AN SSSR 139 no.6:1476-1479 Ag '61.

(MIRA 14:7)

1. Leningradskiy gosudarstvennyy pedagogicheskiy institut
im. A.I. Gertseva. Predstavлено академиком А.Л. Курсановым.
(Plants, Effect of soil moisture on)
(Plants, Effect of nitrogen on)
(Nitrogen)

FEDOROV, Z.

Use originality in solving educational problems. Prof.-tekhn.
obr. 13 no.11:3-5 N '56. (MLRA 9:12)

1. Zamestitel' nachal'nika Glavnogo upravleniya trudovykh
rezervov.

(Education)

PEDROVA, Z. A.

History of the geological development of the Chokrak Basin in
eastern Ciscaucasia as a criterion for oil prospecting. Trudy
Groz. NII no.8:100-lil '60. (MIRA 138)
(Caucasus, Northern—Petroleum geology)

BOGOMOLOVA, L.G., prof.; FEDOROV, Z.D., kand.med.nauk

Biological pastes in clinical practice. Akt.vop.perel.krovi no.7:
188-191 '59. (MIRA 13:1)

1. Laboratoriya sukhikh preparatov krovi i krovozameniteley Lenin-
gradskogo instituta perelivaniya krovi.
(SERUM THERAPY)

FEDOROVA, Z.D., kand.med.nauk; KOTOVSHCHIKOVA, M.A., kand.biolog.nauk;
PETROV, N.V., zasluzhennyj vrach Estoneskoy SSR

Some observations on the use of BK-8. Akt.vop.perel.krovi no.7:
352-357 '59. (MIRA 13:1)

1. Laboratoriya sukhikh preparatov krovi i krovozameniteley (zav. -
prof. L.G. Bogomolova) Leningradskogo instituta perelivaniya krovi
i klinika obshchey khirurgii I Leningradskogo meditsinskogo instituta
im. akad. I.P. Pavlova (zav. klinikoy - chlen-korrespondent AMN SSSR
prof. A.N. Filatov).

(BLOOD PLASMA SUBSTITUTES)

KOTOVSHCHIKOVA, M.A.; FEDOROVA, Z.D.

Some data on the change of blood coagulation factors in leukemias.
Probl. gemat. i perel. krovi 5 no.3:29-32 Mr '60. (MIRA 14:5)

1. Iz laboratorii sukhikh preparatov krovi (zav. - prof. L.G. Bogomolova) i radiobiologicheskoy laboratorii (zav. G.M. Murav'yev) Leningradskogo ordena Trudovogo Krasnogo Znameni instituta perelivaniya krovi (dir - dotsent A.D. Belyakov, nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR prof. A.N. Filatov).
(LEUKEMIA) (BLOOD COAGULATION)

KOTOVSKHKOVA, M.A.; FEDOROVA, Z.D.

Simple method for determining the consumption of prothrombin.
Lab. delo 7 no.1:18-20 Ja '61. (MIRA 14:1)

1. Leningradskiy institut peralivaniya krovi (dir. - dotsent A.D.
Belyakov).
(PROTHROMBIN) (BLOOD—COAGULATION)

FEDOROVA, Z. F.

Anomalies in the development of hybrids in remote crossing.
Doklady Akad. nauk SSSR 79 no.5:903-906 11 Aug 1951. (CLML 21:1)

1. Leningrad State University imeni A. A. Zhdanov. 2. Presented 11 June 1951 by Academician Ye. N. Pavlovskiy.

FEDOROVA Z.F.

USSR/General Biology - General Histology.

D

Abs Jour : Ref Zhur Biol., No6, 1959, 23560

Author : Fedorova, Z.F.

Inst :

Title : The Incapsulation of a Foreign Body by the Ectodermal Epithelium in Frog (*Rana Ridibunda*).

Orig Pub : Byul. eksperim. biol. i meditsiny, 1956, 42, No 10, 76-78

Abstract : In *Rana Ridibunda* embryos, at the stage of tail bud formation, the lower part of the body was pierced by a human hair, which was left for 24 hours. Microscopic investigation showed that a capsule forms around the hair, formed by the ingrown cells of ectodermal epithelium. Apparently, the cover cells, which, in the process of evolution, lost the ability to retain food, have preserved a defensive function which is expressed not only in the formation of defensive covering but also in the

Card 1/2

Chair of Histology - Kursk Medical Inst.

USSR/General Biology - General Histology.

D

Abs Jour : Ref Zhur Biol., No 6, 1959, 23560

ability to encapsulate foreign bodies. -- T.N. Chelna-
vskaya

Card 2/2

LOGVINENKO, A.T.; FEDOROVA, Z.F.

System CaO - SiO₂ - H₂O in the hydrothermal treatment of compact specimens. Izv. SO AN SSSR no.11 Ser.khim.nauk no.3:17-20 '63.

(MIRA 17:3)

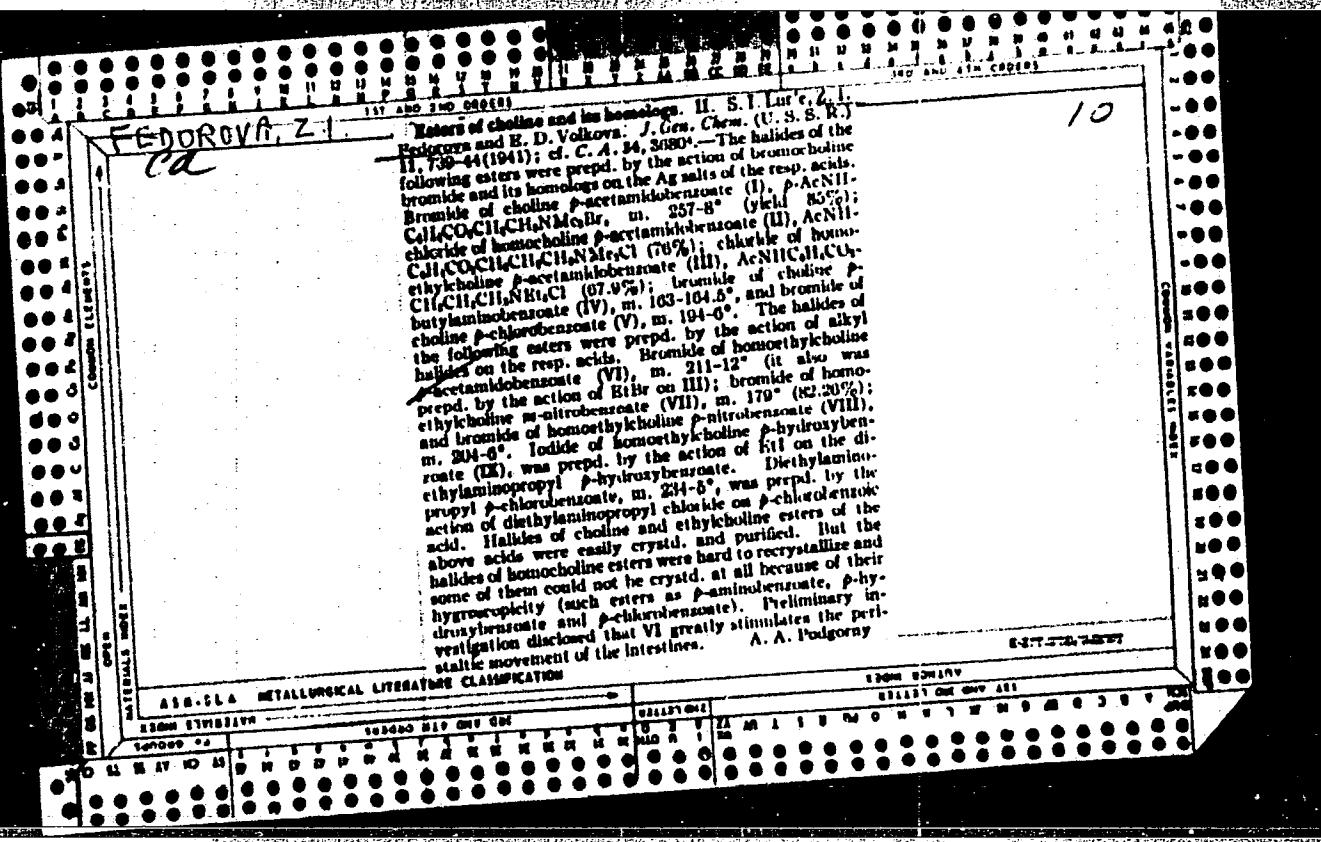
I. Khimiko-metallurgicheskiy institut Sibirskogo otdeleniya AN SSSR,
Novosibirsk.

CP
FEDOROVNA, Z. I.

Esters of choline and its homologs. S. I. Lur'e and Z. I. Fedorovna. *J. Gen. Chem. (U. S. S. R.)* 9, 2073-80 (1939).—The halides of the following esters were prep'd. by 2 methods: (1) the action of alkyl halides on alkylamine esters and (2) the action of bromocholine bromide and its homologs on the Ag salts of the resp. acids. Bromide of ethylcholine β -aminobenzoate (I), ρ -H₂NCH₂CO₂CH₂CH₂NH⁺Br⁻, m. 189-191° (yield 93%); chloride of homocholine 2-phenylquinoline-4-carboxylate (II), 2-PHC₆H₄N⁺CO₂(CH₂)₂NMe₂Cl⁻, m. 185-0° (75%); bromide of homocholine 2-phenylquinoline-4-carboxylate (III), 2-PbC₆H₄N⁺CO₂(CH₂)₂NMe₂Br⁻, m. 207-8° (84.6%); iodide of choline 2-phenylquinoline-4-carboxylate (IV), 2-PbC₆H₄N⁺CO₂(CH₂)₂NMe₂I⁻ (90%); iodide of homocholine 2-phenylquinoline-4-carboxylate (V), m. 182-4° (75%); bromide of choline 2-butoxyquinoline-4-carboxylate (VI), m. 133-5° (81%); chloride of homocholine 2-butoxyquinoline-4-carboxylate (VII), m. 128-30° (yield 75.8%); bromide of ethylhomocholine 2-butoxyquinoline-4-carboxylate (VIII), m. 103-0° (70.7%); bromide of choline α -hydroxybenzoate (IX), m. 177-8°; chloride of homocholine α -hydroxybenzoate (X), m. 140-2°; bromide (XI), m. 141-3°. In the prepn. of halide esters by the 1st method alkyl halides reacted only with the tertiary N of the side chain of the alkylamine ester ($RCO_2(CH_2)_2NR'$) in dry benzene. Whereas in the 2nd method the ionizing Br⁻ of bromocholine bromide pnd. with Ag⁺ as AgBr and the residue of the acid then reacted with choline bromide. Heating the reaction mixt. on a water bath caused a rearrangement: $BrCH_2CH_2NMe_2Br + Ag_2O \xrightarrow{\text{heat}} AgBr + BrCH_2CH_2NMe_2OBr$. The intermediary compd. $BrCH_2CH_2NMe_2OBr$ is an electrolyte. The chlorides of the above compds. were hygroscopic and it was difficult to prep. them in the crystall form. In these cases the halogen Cl was replaced by Br or I by heating the ester with alkyl bromide or iodide.

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Lab. of Tech. of Fine
Organic Compounds
im. A. M. Berkevaya
Moscow Inst.
Tech. Chem.

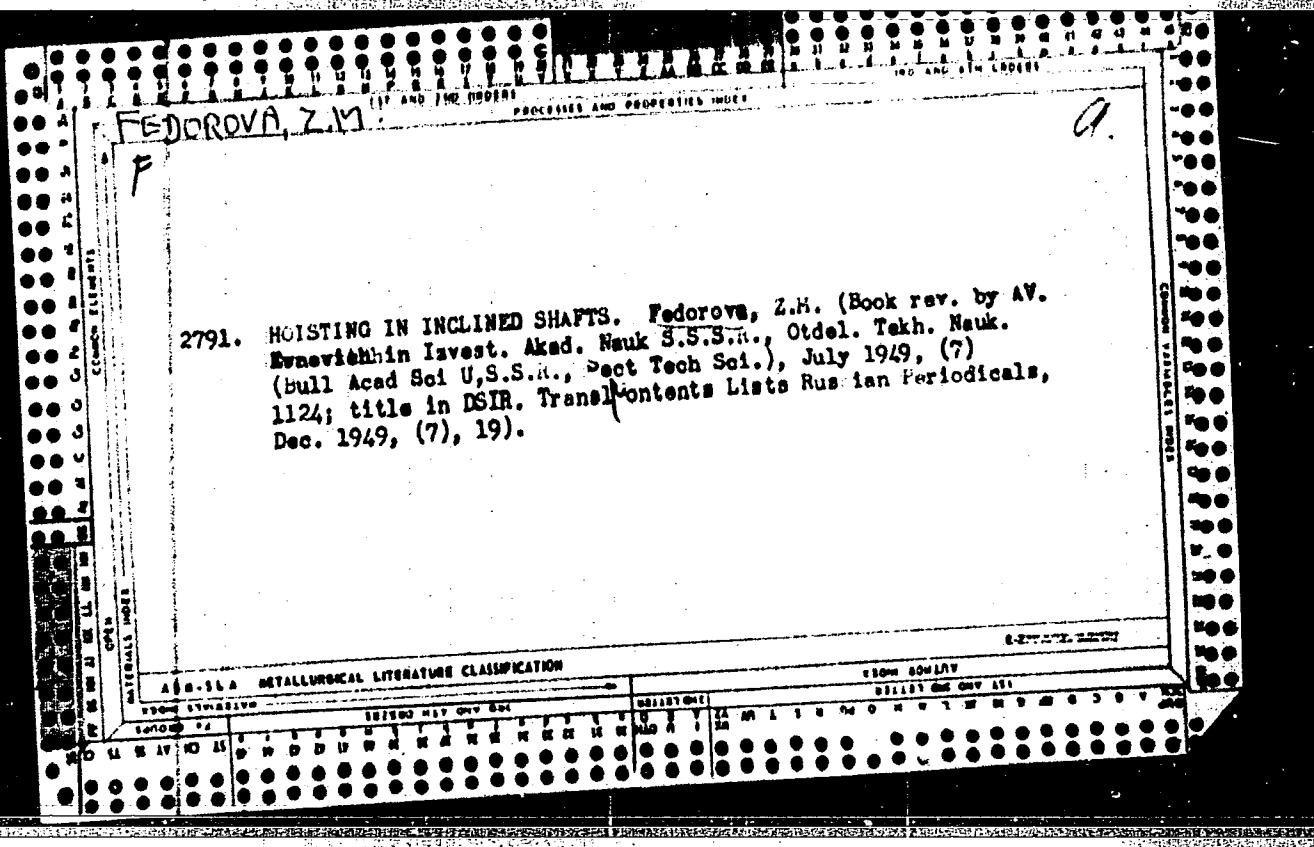
A.I.B.N. METALLURICAL LIBRARY
STONI LIBRARY



POTAPOVA, N.N.; KIRINA, V.N.; FEDOROVA, Z.M.; POSTNOVA, N.P.; DRUZHKOVA,
A.N., red.; BAL'CHEVA, S.M., red.; LEONOVA, L.P., tekhn.red.

[Economy of the city of Vladimir; statistical collection]
Narodnoe khoziaistvo goroda Vladimira; statisticheskii sbornik.
Vladimir, Vladimirskoe knishnoe izd-vo, 1958. 38 p. (MIRA 12:12)

1. Vladimir (Province) Oblastnoye statisticheskoye upravleniye.
2. Statisticheskoye upravleniye Vladimirskej oblasti (for
Potapova, Kirina, Fedorova, Postnova). 3. Nachal'nik statisti-
cheskogo upravleniya Vladimirskej oblasti (for Druzhkov).
(Vladimir--Statistics)



FEDOROVA, Z. M.

NESTEROV, P.P.; FEDOROVA, Z.M.; ZELINSKIY, V.M.; SHUKATOVICH, kandidat
tekhnicheskikh nauk, redaktor; VUYIK, M., tekhnicheskiy redaktor

[Hoisting machinery for use in shaft sinking and tunneling] Pro-
khodcheskie podzemnye ustroystva. Kiev, Gos. izd-vo tekhn. lit-ry
USSR, 1953. 312 p.
(Hoisting machinery)

NESTEROV, Pavel Petrovich, professor; FEDOROVA, Zoya Mikhaylovna, dotsent;
ZELINSKIY, Vyacheslav Mikhaylovich, kandidat tekhnicheskikh nauk;
KOCHNERGA, N., vedushchiy redaktor; GOLOVCHENKO, G., tekhnicheskiy
redaktor

[Ventilating, draining, and pneumatic apparatus for shaft sinking]
Prokhodchaskie ventiliatornye, vodoootlivnye i pnevmaticheskie
ustanovki. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 371 p.
(MIRA 10:1)

1. Khar'kovskiy gornyy institut (for Nesterov, Fedorova) 2. Nachal'-
nik otdela mekhanizatsii Vsesoyuznogo naucho-issledovatel'skogo
instituta organizatsii i mekhanizatsii shakhtnogo stroitel'stva
(for Zelinskiy) 3. Chlen-korrespondent Akademii nauk USSR (for
Nesterov)

(Mining machinery) (Shaft sinking)

FEDOROV, Mikhail Mikhaylovich; IL'ICHEV, A.S. redaktor [deceased];
KHOMITSEVICH, K.I., kandidat tekhnicheskikh nauk, redaktor;
KUCHEROV, P.S., redaktor; FEDOROVA, Z.M., kandidat tekhnicheskikh
nauk, redaktor; KUKHTEMKO, A.I., doktor tekhnicheskikh nauk,
redaktor; KRYZHANOVSKIY, O.M., kandidat tekhnicheskikh nauk, redaktor
SAVIN, G.N., akademik, otvetstvennyy redaktor; ZIL'BAN, M.S.,
redaktor izdatel'stva; RAKHLINA, N.P., tekhnicheskiy redaktor

[Selected works in two volumes] Izbrannye trudy; v dvukh tomakh.
Kiev, Izd-vo Akad. nauk USSR. Vol.1. 1957. 274 p. (MLRA 10:6)

1. Akademiya nauk USSR (for Savin). 2. Chlen-korrespondent
Akademii nauk SSSR (for Il'ichev). 3. Chlen-korrespondent Akademii
nauk USSR (for Kucherov)
(Mine hoisting)

FEDOROVA, Z.M.; BIRYUKOV, O.V.

Efficient type of hoisting machine for deep mines. Sbor.nauch.
trud. KHGI 5:103-114 '58. (MIRA 14:4)
(Mine hoisting)
(Hoisting machinery)

FEDOROVA, Zoya Mikhaylovna.; KARPYSHOV, N.S., otr. red.; D'YAKOVA, G.B.,
red. izd-va.; SABITOV, A., tekhn. red.

[Mine hoisting machines] Rudnichnye podzemnye mashiny. Moskva,
Ugletekhnidat, 1958. 542 p. (MIRA 11:12)
(Mine hoisting)

FEDOROV, Mikhail Mikhaylovich; KHOMITSHEVICH, K.I., kand.tekhn.nauk,
red.toma; KUCHEROV, P.S., red.; KUKHARENKO, A.I., doktor tekhn.
nauk, red.; FEDOROVA, Z.M., kand.tekhn.nauk, red.; KRYZHA-
NOVSKIY, O.M., kand.tekhn.nauk, red.; ZIL'BAN, M.S., red.izd-va;
MATVEYCHUK, A.A., tekhn.red.

[Selected works in two volumes] Izbrannye trudy v dvukh tomakh.
Kiev, Izd-vo Akad.nauk USSR. Vol.2. 1960. 462 p.

(MIRA 13:7)

1. Deystvitel'nyy chlen AN USSR (for Fedorov). 2. Chlen-
korrespondent AN USSR (for Kucherov).
(Mining machinery)

FEDOTOVA, Z.N.

Annotations and author's abstracts. Pediatriia 41 no.11:90
N°62 (MIRA 17:4)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta tuberkuleza Ministerstva zdravookhraneniya RSFSR.

FEDOROVA, Z.P.; YANKINA, Z.S.

Turbulent heat exchange of the surface of the Chukchi
Sea with the atmosphere. Trudy AANII 264:44-51 '63.
(MIRA 17:6)

FEDOROVA, Z.P.; YANKINA, Z.S.

Inflow of the Pacific Ocean water through the Bering Strait into
the Chukchi Sea. Okeanologiya 3 no.5:777-784 '63. (MIRA 16:11)

l. Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy
institut.

ACCESSION NR: AR4020759

SOURCE: RZh. Geofizika, Abs. IV67

AUTHOR: Fedorova, Z. P.

TITLE: Turbulent heat exchange and evaporation in the Sea of Laptevykh

CITED SOURCE: Tr. Arkt. i Antarkt. n.-i. in-ta, v. 253, 1963, 185-196

TOPIC TAGS: Turbulent heat exchange, sea ice, heat transfer, sea water evaporation

TRANSLATION: Turbulent heat exchange calculated from average data taken over many years varies in the Bay of Tiksi from -0.28 to 3.43 and in the Sea of Kigilyakh from 0.29 to 1.27 kcal/cm². The transition from positive to negative heat exchange values is observed in the first decade of August to the first decade of September. Calculations have shown that the variations of the first month and monthly values of turbulent exchange from year to year depend on the temperature of the sea and atmosphere, the wind velocity, and the time

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ACCESSION NR: AR4020759

when the sea becomes free of ice. The magnitude of heat exchange in the sparse ice in August-September varies between 1 and 184 cal/cm² per decade. In the immediate vicinity of the edge, the heat exchange has negative values from 35 to 6 cal/cm² per decade. Integral curves of turbulent heat exchange between water and air were plotted which showed that: (1) During hydrologically favorable years (1943, 1945, and 1953), the curves are of the same character at all stations; (2) During hydrologically less favorable years (1946, 1947 and 1949), when a major accumulation of ice occurs, the trend of the integral curves is different at different stations, and the inflow and outflow of heat are weakly expressed. A comparison of the values of turbulent exchange with the amount of heat expended in evaporation, calculated from data taken for many years, showed that the heat expended in evaporation surpasses the inflow of heat in turbulent exchange. It was established that when cold or dry air comes in, the loss of heat due to evaporation increases.

N. Glinsky

DATE ACQ: 03Mar84

SUB CODE: AS

ENCL: 00

Card 2/2

FEDOROVA, Z.P.

Calculation of the total radiation and effective emission in
the Laptev Sea. Trudy AANII 248:29-36 '63. (MIRA 17:6)

FEDOROVa, E. P.

Dissertation: "The Mechanism of the Action of a Glucose-Alcohol-Barium Solution on Acute Hemorrhage (Experimental Investigation)." Cand Med Sci, L'vov State Medical Institute, L'vov Institute of Hemorrhage and Emergency Surgery, L'vov, 1954.
(Referativnyy zhurnal--Khimiya, No 11, Moscow, Jun 54)

SO: SUM 318, 23 Dec 1954

FEDOROVA, Z.P.

USER/ Medicine - Physiology

Card 1/1 Pub. 22 - 51/52

Authors : Fedorov, I. I.; Khodosevich, P. K.; Fedorova, Z. P.; and Gosteva, E. A.

Title : Distribution of radioactive P and I in the organs of rabbits in normal state, pentotal narcosis and in state of strong stimulation

Periodical : Dok. AN SSSR, 100/2, 393-396, Jan 11, 1955

Abstract : Experimental data are presented regarding the change in functional state of the nervous system on the distribution of radioactive P and I in the organs of underfed rabbits. Results obtained led to a conclusion that any change in the functional state of the central nervous system positively affects the intensity of the organs in the absorption of the radioactive P and I. Seven USSR references (1947-1953). Table.

Institution : Scientific Research Institute of Blood Transfusion, Lvov

Presented by : Academician L. A. Orbeli, September 24, 1954

FEDOROV, I.I.; TEACH, Ye.A.; FEDOROVA, Z.P.

Radioactive phosphorus content of the blood and its elimination through the kidneys under normal conditions and during pentothal narcosis, Vrach.delo no.8:813 Ag '57, (MLRA 10:8)

1. Lvovskiy institut perelivaniya krovi
(PHOSPHORUS--ISOTOPES) (THIOPENTAL)

PETROV, D.G., dotsent; TKACH, Ye. A., starshiy nauchnyy sotrudnik; ~~ZHEDOVA~~
~~Z.P.~~, starshiy nauchnyy sotrudnik; YEDKINA, V. D., nauchnyy sotrudnik

Loss of blood and blood transfusion in hypothermia. Nov. khir. arkh.
no.2:59-63 Mr-Ap '59. (MLIA 12:7)

1. L'vovskiy nauchno-issledovatel'skiy institut perelivaniya krovi
i neotlozhnoy khirurgii (nauchnyy rukovoditel' (prof. I.I. Fedorov).
(Adres avtorov: Lvov, ul. Pushkina, d.45. Nauchno-issledovatel'skiy
institut perelivaniya krovi).

(HYPOTHERMIA) (HEMORRHAGE) (BLOOD TRANSFUSION)

FEDOROV, I.I.; FEDOROVA, Z.P.; CHERNOGOROVA, Z.L.

Elimination of hemodynamic disorders by intravenous injection of a sodium lactate solution in conjunction with BK-8. Trudy Kiev. nauch.-issl. inst. perel. krovi i neotlozh. khir. 3:90-95 '61.

(MIRA 17:10)

1. Kiyevskiy institut perelivaniya krovi.

FEDOROVA, Z.P.

Diuretic effect of sodium lactate. Trv'ty Kiev. nauch.-issl. inst. perel.
krovi i neotlozh. khir. 3:96-102 '64. (MIRA 17:10)

1. L'vovskiy institut perelivaniya krovi i Kiyevskiy institut pereli-
vaniya krovi.

FEDOROVA, Z.P.

Use of blood substitutes in cardiac wounds under hypothermia conditions. Genet. i perel. krovi 12:57-60 '65.

(MIRA 18:10)

1. Kiyevskiy institut perelivaniya krovi.

FEDOROV, Z.P.

Turbulent heat exchange and evaporation in the Laptev Sea.
Trudy AANIL 253:185-196 '63.

(M:RA 17:11)

I 25683-65 FWT(1)ENO(v) Pa-5/Pac-2 GW

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ACCESSION NR. AR4044538

S/0169/64/000/006/V018/V008

SOURCE: Ref. zh. Geofizika, Abs. 6V44

AUTHOR: Fedorova, Z. P.; Yankina, Z. S.

TITLE: Turbulent heat exchange between the surface of the Chukchi Sea and the atmosphere

CITED SOURCE: Tr. Arkt. i Antarkt. n.-i. in-ta, v. 264, 1963, 44-51

TOPIC TAGS: oceanography, turbulent heat exchange, atmospheric temperature

TRANSLATION: The following formula, derived by A. R. Konstantinov, was used to compute the turbulent heat exchange between the surface of the Chukchi Sea and the atmosphere:

$$P = \alpha \rho C_p \lambda^4 \gamma \frac{u \cdot m (T_n - T_{10m})}{\ln \frac{z_n}{z_0} \cdot \ln \frac{z_{10m}}{z_0}} \sqrt{1 - u \cdot Ri},$$

where α is a parameter characterizing the deviation of the true temperature gradients from those computed using the mean profile; ρ is air density; C_p is specific heat capacity of the air at constant pressure; λ is the Karman constant; γ is a coefficient characterizing the

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ACCESSION NR: AR4044538

deviation of the true profile of meteorological elements from equilibrium; u is wind velocity in m/sec at the height z ; m is the ratio

$$\frac{T_0 - T_{200}}{T - T_{200}} ;$$

T_0 is air temperature at the height of the roughness layer z_0 ; T_0 is the temperature of the air at a height of 200 cm from the surface; T is air temperature at height z .

(F), ..., cal/cm²

where u is wind velocity in m/sec at the height z_k (in cm); T_w is water temperature at the surface; T_{z_k} is air temperature at the height z_k (in cm); n is dependent on the height of observations. In regions with an ice cover $n = 0.0013$. The turbulent heat exchange from the surface of an ice-covered sea was computed using formula (2), with the replacement of T_w by the temperature of the ice surface. It is postulated that when the air temperature

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is $\gg 0$ the ice temperature can be assumed equal to zero. In this case turbulent heat exchange was computed using the formula

$$Q = (1 - S_{11}) Q_1 + Q_2 \cdot S_{11}$$

where Q_1 is heat exchange with the surface of a sea free of ice; S_{11} is the area covered by ice (in tenths). At an air temperature of ≤ 0 turbulent heat exchange is computed using the $T_{M1} - T_0$ formula in transformed form:

$$Q = \alpha_1 \bar{T}_K - \alpha_2 \bar{T}_y + \alpha_3 \bar{A} + \alpha_4 T_0$$

where T_K is the mean 10-day air temperature at the height K ; T_y is the mean 10-day air temperature in the meteorological enclosure; T_0 is air temperature in the meteorological enclosure at the beginning of observations. A is mean 10-day heat or cold advection and; α_1 , α_2 , α_3 , α_4 are coefficients whose values were determined by Yu. P. Doronin. The above formulas were used to compute the value of the turbulent heat flux

in the place of the Chukchi Sea during the navigation season for each month from June through October, inclusive. The article is accompanied by maps of turbulent heat exchange

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L 25683-65

ACCESSION NR: AR4044538

for the mentioned months and there is a comparison with the values of the turbulent heat flux obtained by other authors. V. Snopkov

SUB CODE: ES

ENCL: 00

Card 4/4

LOGVINENKO, A.T.; FEDOROVA, Z.V.

Nonkilned talc brick and periclase-forsterite refractories from
Krasnoyarsk Territory talcs. Inv.Sib.ots. AN SSSR no.1:44-50 '59.
(MIRA 12:4)

1. Zapadno-Sibirskiy filial AN SSSR,
(Krasnoyarsk Territory--Talc)
(Refractory materials)

KHANIN, A.A.; FEDOROVA, Z.V.

Characteristics of reservoir properties of Carboniferous
terrigenous sediments in the Volga Upland. Trudy VNIIGAZ no.7:
132-145 '59. (MIRA 13:5)

(Volga Upland--Petrology)

(Volga Upland--Gas, Natural--Geology)

ZAVIDOV, V.I.; ZMIYEVSKIY, P.K.; FEDOROVA, Z.V.; KNUR.L.I.; ATAMANKIN, A.I.

Obtaining extracts to be used as raw materials in the production of carbon black. Nefteper. i neftekhim. no. 6:24-26:63
(MIRA 17:7)

1. Volgogradskiy nauchno-issledovatel'skiy institut neftyanoy i gasovoy promyshlennosti i Volgogradskiy netrepererabatyvayushchiy zavod.

VERENIN, Yu.N. kand. tekhn. nauk; BOGVINENKO, A.P.; RASYAKH, L.N.;
FEDOROV, Z.V.

Electrical conductivity of cinder minerals and their hydrates.
Trudy Sib. nauch.-issl. inst. energ. no.2:24-32 '64.

(MIRA 17:11)

ZAVIDOV, V.I.; FEDOROVA, Z.V.; SHAPCHENKO, N.I.

Coker gas oils as a new source of raw materials for the production of carbon black. Nefteper. i neftekhim, no.5:27-28 '65.

(MIRA 18:7)

1. Volgogradskiy nauchno-issledovatel'skiy institut neftyanoy i gazovoy promyshlennosti.

ZAVIDOV, V.I.; FEDOROVA, Z.V.; SHAPCHENKO, N.I.

Chemical composition of heavy gas oils of delayed coking.
Nefteper. i neftekhim. no.7:13-14 '65. (MIRA 18:12)

1. Volgogradskiy nauchno-issledovatel'skiy institut neftyanoy i
gasovoy promyshlennosti.

FEDOROVA, GROT, A.K.

PAVLOV, Ivan Petrovich, 1849-1936; FEDOROVA-GROT, A.K.; AYRAPET'YANTS,
Ye.Sh., redaktor; SMIRNOVA, A.V., tekhnicheskiy redaktor

[Subject and author indexes to the second edition fo I.P.Pavlov's
complete works] Polnoe sobranie sochinenii. 2-e izd. Moskva, Izd-
vo Akademii nauk SSSR. Predmetno-tematicheskii i imennoi ukaza-
teli. 1954. 85 p.

(MLRA 7:10)

(Pavlov, Ivan Petrovich, 1849-1936)

ANDREYeva, V.N.; FEDOROVA-GROT, A.K.

In memory of Daniil Il'ich Soloveichik; 25th anniversary of his
death. Zhurn.serv.dielat. 6 no.3:494-497 My-Je '56. (MLRA 9:11)

1. Kabinet istorii otechestvennoy fiziologii Instituta fiziologii
im. I.P.Pavlova Akademii nauk SSSR.
(SOLOVMICHIK, DANIIL IL'ICH, 1885-1931)

SOLOV'YEV, A.V., otvetstvennyy redaktor; AYRAPETIYANTS, F.Ish., redaktor;
BIRYUKOV, D.A., redaktor; VIADIMIROV, G.Ye., redaktor; KOLOSOV, N.G.,
redaktor; KHASUSKIY, V.K., redaktor; KURTSIN, I.T., redaktor;
MAYOROV, P.P., redaktor; OL'NYANSKAYA, R.P., redaktor; RIKKL', A.V.,
redaktor; CHERNIGOVSKIY, V.N., redaktor; FEDOROVA-GROT, A.K.,
redaktor; BARSUKOVA, Z.A., redaktor izdaniya; KRUGLIKOV, N.A.,
tekhnicheskiy redaktor.

[Problems of the physiology of the central nervous system; a collection
celebrating the 70th birthday of Academician K.M.Bykov] Problemy
fiziologii tsentral'noi nervnoi sistemy; sbornik, posvieschennyi
70-letiu so dnia rozhdeniya akademika K.M.Bykova. Moskva, 1957.
632 p. (MLRA 10:10)

1. Akademiya nauk SSSR. Institut fiziologii.
(NERVOUS SYSTEM)

ANDREYEVA, V.N.; FEDOROVA-GROT, A.K.

Pavel Pavlovich Pimenov, 1873-1956; obituary. Zhur.vys.nerv.desit.
7 no.3:460-462 My-Je '57. (MIRA 10:10)

1. Kabinet isotrii otechestvennoy fiziologii Instituta fizиologii
im. I.P.Pavlova AN SSSR.
(PIMENOV, PAVEL PAVLOVICH, 1873-1956)

FEDOROV-GROT, A.K.

Conflict between Dr. I.F.Tolochinov and Academician I.P.Pavlov
in 1912-14; historical note. Fiziol.zhur. 43 no.5:480-482 My '57.
(MIRA 10:12)
1. Kabinet istorii otechestvennoy fiziologii Instituta fiziologii
im. I.P.Pavlova AN SSSR, Leningrad.
(PHYSIOLOGY, history,
conflict between I.F.Tolochinov & I.P.Pavlov (Rus))

KVASOV, D.G.; FEDOROVA-GROT, A.K. (Leningrad)

Pavel Iu. Rostovtsev and the evaluation of his work by I.P.
Pavlov. Fiziol.shur. 44 no.1:82-86 Ja '58 (MIRA 11:3)

(BIOGRAPHIES,
Rostovtsev, Pavel Iu. (Rus)

(PHYSIOLOGY,
contribution of P. Iu. Rostovtsev (Rus)
(PAVLOV, I.P.)

KVASOV, D.G.; FEDOROVA-GROT, A.K.

Assistants of I.P. Pavlov in his investigations of the digestive apparatus during the latter part of the nineteenth and the early part of the twentieth century. *Fiziol. zhur.* 46 no.1:126-132 Ja '60.
(MIRA 13:5)

1. From the pediatric medical institute and the department of history of physiology of the I.P. Pavlov Institute of Physiology, Leningrad.

(GASTROINTESTINAL SYSTEM physiol.)
(BIOGRAPHIES code for Pavlov)

FEDOROVA-GROT, A.K.

Competition for the vacancy of assistant in the Department of
Physiology at the St. Petersburg Academy of Sciences in 1860.
Fiziol. zhur. 46 no. 5:641-646 My '60. (MIRA 13:12)

1. From the Cabinet for the History of Physiology, Pavlov Institute
of Physiology, Leningrad.
(ACADEMY OF SCIENCES OF THE U.S.S.R.)

FEDOROVA-GROT, A.K.

Materials on the history of the physiological institutions of
the Academy of Sciences, 1864-1917. Trudy Inst. ist. est. i
tekhn. 41:257-293 '61. (MIRA 15:2)

1. Kabinet istorii fiziolozii Instituta fiziolozii AN SSSR.
(PHYSIOLOGY-RESEARCH)

FEDOROVA-SARKISSOVA, O. V.

"On the Chromosome Number of Certain Willow and Poplar Species," Dok. AN
Vol. 54, No. 4, 1946.

Silvitechnical Acad. im. S. M. Kirov, Leningrad.

GINEVSKIJ, A.; KAREPENKO, I.; FEDOROVIC, N.

Deliveries made by the Department of Technical Control
must be of high quality. Podn org 18 no. 3:140 Mr '64.

Fedorovich, A.

USSR/Processes and Equipment for Chemical Industries.
Processes and Apparatus for Chemical Technology

K-1

Abs Jour : Referat Zhur - Khimiya, No 9, 1957, 33252

Author : Ioffe, A., Stil'bans, L., Iordanishvili, Ye.,
Fedorovich, A.

Inst :
Title : Thermoelectric Cooling in Refrigeration Engineering

Orig Pub : Kholodil'naya tekhnika, 1956,³³ No 3, 5-16

Abstract : A brief consideration of the physical phenomena upon which the thermoelectric cooling is based, and a presentation of the fundamental propositions of the theory of A.I. Ioffe. A formula is given for determination of the refrigeration coefficient ϵ , from which it follows that ϵ does not depend on geometrical dimensions and shape of the thermoelements but is determined by the physical characteristics of semiconductor materials (thermal and electric conductivity, thermo e.m.f. of thermoelement branches)

Card 1/2

USSR/Processes and Equipment for Chemical Industries -
Processes and Apparatus for Chemical Technology

K-1

Abs Jour : Ref Zhur - Khimiya, No 9, 1957, 33252

and the temperature of hot and cold junctions t_2 and t_x ; with increase of $\Delta t = t_2 - t_x$ the ε is greatly decreased and at a certain value Δt_{\max} it becomes equal to zero. In order to increase ε it is necessary to use multicasade system cooling, in which several batteries are utilized, each of which operates at a lower Δt and, consequently, at a higher ε . A brief description is given of thermo-electric refrigerators with batteries made from PbTe - PbSe alloys (negative branch) and an alloy based on Te and Sb (positive branch); Experience has shown that in the case of such batteries $\Delta t_{\max} = 47^\circ$. Difficulties arise in the selection of electric insulation interlayers between the cascades which must have a sufficiently high heat conductivity. It was found that the best interlayer is one consisting of FG-9 silicone lacquer containing a 6% addition of Al powder.

Card 2/2

LOKSHIN, V., polkovnik zapasa; FEDOROVICH, A., podpolkovnik; MONOPLIN, V.,
mayor

Commanding officer and cultural and educational institutions.
Komm.Vooruzh.Sil 3 no.23:35-39 D '62. (NIRA 16:2)

1. Sotrudniki vneshtatnogo otdela kul'turno-prosvetitel'noy
raboty redaktsii zhurnala "Kommunist Vooruzhennykh Sil".
(Russia--Armed Forces--Education, Nonmilitary)

FEDOROVICH, A. A. and DASHEVSKIY, G. A.

"Land Mine Matters" (Podzemno-Minnoye Delo). Voyenizdat. Moscow, 1947.

KIKTENKO, V.S.; SAFRONOV, Yu.P.; KUDRYAVTSEV, S.I.; EL'MAN, R.I.;
FEDOROV, B.F.; PUSHCHIN, N.I.; FEDOROVICH, A.A.

Arrangement for automatic count of the particles of a bacterial
aerosol. Lab. del. 7 no. 10:57-60 0 '61. (MIRA 14:10)
(AEROSOLS)

KIKTENKO, V.S., doktor med.nauk, prof.; SAFRONOV, Yu.P., kand.tekhn.nauk;
KUDRIAVTSEV, S.I.; EL'MAN, R.I.; FEDOROV, B.F.; PUSHCHIN, N.I.;
FEDOROVICH, A.A.

Photoelectronic count of the number of aerosol particles of organic
and inorganic origin. Fig. i san. 26 no.2:47-53 F '61.
(MIRA 14:10)

(AEROSOLS)

FEDOROVICH, A.A.

S/194/62/000/006/035/232
D295/D308

AUTHORS: Kiktenko, B.S., Safronov, Yu.P., Kudryavtsev, S.I.,
El'man, R.I., Fedorov, B.F., Pushchin, N.I., and
Fedorovich, A.A.

TITLE: Apparatus for the automatic counting of the particles
of a bacterial aerosol

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 6, 1962, abstract 6-2-65 p (Labor. delo, no. 10,
1961, 57-60)

TEXT: A description is given of an apparatus for the automatic
counting of the number of particles of a bacterial aerosol passing
through the cuvette of the flow-type BSM(VDK) ultramicroscope. The
apparatus consists of a photo-electronic unit, an amplifier and a
pulse counter. The intensity of the light flux scattered by the
particles is sufficient to be recorded by the G3y-19 (FEU-19) and
G3y-25 (FEU-25) photo-multipliers. The duration of a light impul-
se from a particle is 0.5 - 0.6 sec. and the pulse repetition fre-
quency depends on concentration and does not usually exceed 300 -
Card 1/2

BEGUNOVA, Roza Davidovna; ZAKHARINA, Ol'ga Solomonovna; ZAHIBIN, Vasiliy Andreyevich; PAVLOV-GRISHIN, Sergey Ivanovich; CHALEMKO, Dmitriy Kalinovich; FEDOROVICH, Aleksandr Georgiyevich; GERASIMOV, M.A., retsentent; BUYANEROVA, Ye.M., spetsred.; KOVALEVSKAYA, A.I., red.; GOTLIB, E.M., tekhn.red.

[Technology and chemical control of grape, fruit, and berry wines]
Tekhnologija i tekhnokhimicheskij kontrol' vinogradnykh i plodovo-iagodnykh vin. Moskva, Pishchepromizdat, 1959. 460 p.

(MIRA 13:3)

(Wine and wine making)

ANBINDER, Ya.Ye. [Anbinder, IA.IE.]; SHPAKOVSKIY, N.Ye. [Shpakovs'kyi, N.E.]; DARBINIAN, S.A.; KOMAROV, V.V.; KOMAROVA, T.V.; KOZLOV, Yu.A.; KONOKOTIN, L.P.; ZEREKIDZE, V.M.; SHULYATITSKIY, S.M. [Shyliatyts'kyi, S.M.]; KHODURSKIY, Ye.A. [Khodurs'kyi, IE.A.]; OBUSHINSKIY, Ye.I. [Obushyns'kyi, IE.I.]; GVOZDIK, A.A. [Hvozdyk, A.A.]; NIKITINA, M.A.; LUPASHKO, N.F.; BEISKROVNYY, M.N.; TSIMBLER, M.Ye. [TSymbler, M.IE.]; ILYN, A.N.; TOTADZE, P.M.; ZHIGURS, Kh.Yu.; ZAKREVSKIY, Ye.S. [Zakrevs'kyi, IE.S.]; FEDOROVICH, A.G. [Fedorovych, A.H.]; CHALEMKO, D.K.; KHOMUTOV, D.A.; SKURIKHIN, I.M.; NILOV, V.I.; YEFIMOV, B.N. [IEfimov, B.N.]; KAZANOVSKIY, V.S. [Kazanovs'kyi, V.S.]; ZOTIKOV, L.S.; KOCHURENKO, M.A.

Soviet certificates of invention. Khar. prom. no.2:57-59 Ap-Je '65.
(MIRA 18:5)

FEDOROVICH, B. A.

Geographical Inst., Acad. Sci., (-1943-)

"Aerophotosurvey and the Problems of Studying Deserts,"

Iz. Ak. Nauk SSSR, Ser. Geograf. i Geofiz., No. 4, 1943.

FEDOROVICH, B. A.

FEDOROVICH, B. A. Lik pustyni. Goskul'tprosvetizdat, 1948. 216 p.

DA

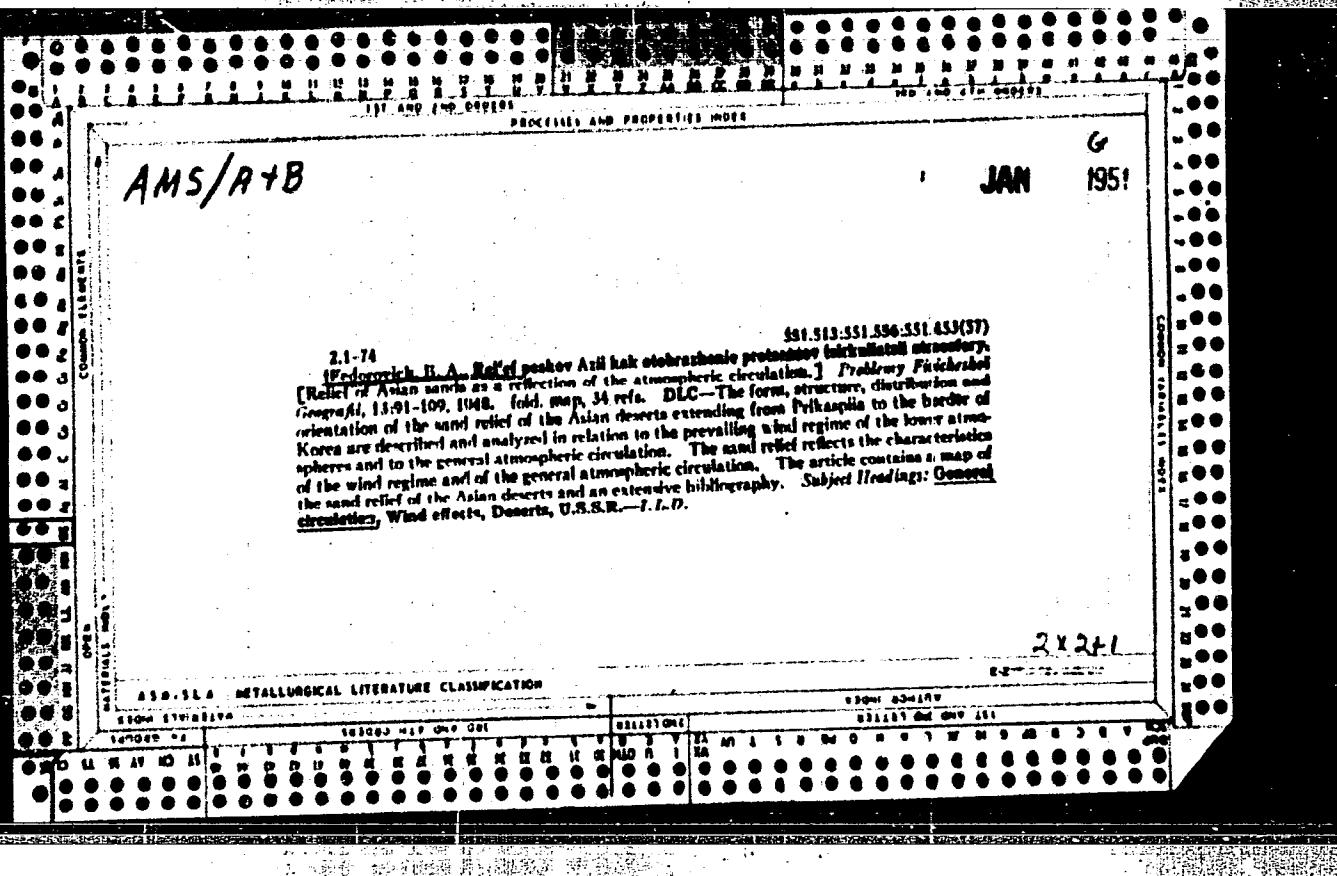
SO: LC, Soviet Geography, Part I, 1951, Uncl.

21481

FEDOROVICH, F. A.

Re: 'yez peskov Azii. Tezisy Doklada.
Trudy Vtorogo Vsesoyuz. geogr. s"yezda. T. F.M., 1949,
s. 162 - 63

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949



FEDOROVICH, B. A.

FEDOROVICH, B. A. "Problems of the origin and formation of the sandy areas of deserts",
Trudy In-ta geografii (Akad. nauk SSSR), Issue 39, 1948, p. 160-83, - Bibliog: 34 items.

SO: U-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No.7 1949).

FEDOROVICH, B.A.

35930 O roli karsta v rel'yefe pustyn'. trudy in-ta geografii
(akad. nauk ssср). Vyp. 43, 1949, S. 124-49.-bibliogr:
S. 148-49

SOT Letopis' Zhurnal'nykh Statey, No. 49, 1949

1. FEDOROVICH, B. A.
2. USSR (600)
4. Geology and Geography
7. Kara-kum Records, V. N. Kumin. (Moscow, Geography Press, 1950).
Reviewed by B. A. Fedorovich, Sov. Kniga No. 9, 1951.
9. [REDACTED] Report U-3081, 16 Jan. 1953, Unclassified.

1. BUYANOVSKIY, M. S.; FEDOROVICH, B. A.
2. USSR (600)
4. Geology and Geography
7. Afforestation of Hill Sands Around the Aral Sea, A. G. Gayel'.
(Acad Sci USSR, Institute of Forests, Moscow, Press of Acad Sci., USSR, 1951). Reviewed by M. S. Buyanovskiy and B. A. Fedorovich, Sov. Kniga, No. 7, 1952.
9. FDD Report U-3081, 16 Jan 1953, Unclassified.

FEDOROVICH, B. A.

"Geographer I. V. Mushketov," Iz. Ak. Nauk SSSR, Ser. geog., No.1, 1952

FEDOROVICH, B.A.

USSR/Geophysics - Deserts

Apr 92

"Conquest of the Deserts," B. A. Fedorovich

"Priroda" No 4, pp 47-54

The author was awarded a Stalin prize for 1951 in recognition of his popular scientific work entitled "The Face of the Desert" [Lik Pustyni]. He is a senior scientific assoc of the Inst of Geog, Acad Sci USSR. In current article he develops the most important ideas stated in his book on the basis of recent scientific data; he characterizes the means for the transformation of the desert regions of the USSR.

215F33

FEDOROVICH, B.A.

AVAKYAN, A.B.; BUDYKO, M.I.; YUDIN, M.I.; OCHAKOVSKIY, Yu.Ye.; DAVYDOV, M.M.;
ARMAND, D.L.; FEDOROVICH, B.A.; ZUBOV, N.N.; ANTIPOV-KARATAYEV, I.N.;
SAPOZHNIKOVA, S.A.; ALISOV, D.P.; FOTEYEV, I.M.

Discussion of reports of the meeting. Vop.geog. 28:74-96 '52. (MLRA 7:5)

1. Gidroenergoprojekt Ministerstva elektrostantsiy (for Avakyan).
2. Glavnaya geofizicheskaya observatoriya im. A.I.Voyeykova (for Budyko and Yudin).
3. Institut okeanologii Akademii nauk SSSR (for Ochakovskiy).
4. Gidroenergoprojekt Ministerstva elektrostantsiy (for Davyдов).
5. Institut geografii Akademii nauk SSSR (for Armand, Fedorovich, and Foteev).
6. Geograficheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta (for Zubov and Alisov).
7. Pochvennyy institut im. V.V. Dokuchayeva Akademii nauk SSSR (for Antipov-Karatayev, I.N.).
8. Glavnaya geofizicheskaya observatoriya im. A.I.Voyeykova (for Saposhnikova).

FEDOROVICH, B.A.

Results of the conference on the method of compiling geomorphological maps.
Izv. AN SSSR Ser. geog. no. 3:56-62 My-Je '53. (MIRA 6:9)
(Physical geography--Congresses) (Cartography)

Reports results of conference held 16-18 Mar 53. Lists 4 reports from the Inst. of Geog., AS USSR; three reports from the Sci.Res. Inst. Geog., Moscow State U; eleven communications on compiling geomorphological charts; and 14 discussions of the reports and communications.

258T80

YEDOROVICH, B.A.

Session of the Department of Geological and Geographical Sciences of the
Academy of Sciences of the U.S.S.R. Izv. AN SSSR Ser. geog. no.6:82-82
N-D '53. (MIRA 6:12)
(Physical geography) (Ocean bottom)

BRITSINA, M.P.; Gerasimov, I.P.; Zhivago, A.V.; ZANIN, G.V.; FEDOROVICH, B.A.
Iurii Sergeevich Kashin; obituary. Izv. AN SSSR Ser. geog. no. 6:92-93 N-D '53.
(MIRA 6:12)
(Kashin, Jurii Sergeevich, 1921-1953)

1. FEDOROVICH, B.
2. USSR (600)
4. Deserts
7. Study of deserts, Nauka i zhizn' 20 no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

FEDOROVICH, B.A.

Origin of the sands of northwestern Turkmenia. Trudy Inst.geog. no.58:
234-267 '53;
(Turkmenistan—Sands)

FELOROVICH, B. A.

The face of desert. (In Russian).
Moscow, Publishing house CK VLKCM "Young guard", 1954, 368 p., num, illus.,
map.

USSR/ Scintific Organization - Geographic

Card 1/1 Pub. 45 - 12/17

Authors : Federovich, B. A.

Title : Discussion of the report, "Classification of Recent Linear Forms of Erosion", in the Institute of Geography of the Academy of Science of the USSR

Periodical : Izv. AN SSSR, Ser. geog. 3, 99-101, May - Jun 1954

Abstract : An account is given of a meeting of the Geomorphological Department of the Institute of Geography of the Academy of Sciences of the USSR in which the report, "Classification of Recent Linear Forms of Erosion", was discussed. The point of the difference between recent and ancient forms of erosion was used as an approach to an analysis of the report, which was found to be sufficiently substantiated by concrete examples.

Institution:

Submitted:

FEDOROVICH, B.A.; SHUVALOV, S.A.

Natural prerequisites for the division into agricultural regions
of the new reclaimed farm lands in the northern provinces of
Kazakhstan. Iss. AN SSSR. Ser. geog. no. 2:54-61 Mr-Ap '55.
(MLRA 8:6)

1. Institut geografii AN SSSR (for Fedorovich) 2. Pochvennyy
institut AN SSSR (for Shuvalov).
(Kazakhstan--Physical geography)

FEODOROVICH, B.

Unplowed land. Tr. from the Russian. p. 15,
(GEOGRAFILA Vol. 5 No. 3, 1955, Sofiya)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9,
Sept. 1955, Uncl.

YIDOROVICH, B.A.; SHUVALOV, S.A.; KALININA, A.X.

Natural prerequisites for the division of northern regions of the
Kazakh S.S.R. into agricultural districts. Vest. AN Kazakh. SSR
11 no.11:45-56 N '55. (MLRA 9:3)
(Kazakhstan--Physical geography)

ENDOROVICH, B.A., doktor geograficheskikh nauk.

Reclamation of virgin land. Nauka i zhizn' 22 no.1:21-23 Ja '55.
(Reclamation of land) (MLRA 8:2)

FEDOROVICH, B.A.; SHUVALOV, S.A.

On new lands. Priroda 44 no.5:59-67 My '55. (MIRA 8:7)

(Reclamation of land)

ZEDOROVICH, B.A., doktor geograficheskikh nauk

Preparing for an expedition. Zdorov'e 2 no.10:21 0 '56. (MLRA 9:11)
(PHYSICAL EDUCATION AND TRAINING)

KUSHEV, S.L.; OLYUNIN, V.N.; RANTS MAN, Ye.Ya.; FEDOROVICH, B.A.

"Problems of the geography of Kazakhstan," no.1, 1956. Reviewed
by S.L. Kushev, V.N. Oliunin, E.IA. Rantsman, B.A. Fedorovich.
Izv.AN SSSR.Ser.geog. no.3:145-148 My-Je '56. (MLRA 9:11)
(Kazakhstan--Geography--Periodicals)

FEDOROVICH, B.A., professor.

Subjugated steppes. IUn.nat.no.9:5-7 D '56.
(Reclamation of land)

(MLRA 10:2)

OBEDIYENTOVA, G.V.; FEDOROVICH, B.A., doktor geogr.nauk, otvetstvennyy red.
MESHCHERYAKOV, Yu.A., kand.geogr.nauk, otvetstvennyy red.
VOLINSKAYA, V.S., red.izd-va.; PLESITSKAYA, S.M., tekhn.red.

[Neotectonic movements and geomorphological conditions in the central
Volga Valley] Noveishie tektonicheskie dvizheniya i geomorfologiche-
skie usloviia Srednego Povolzh'ia. Moskva, Izd-vo Akad. nauk SSSR,
1957. 98 p. (Akademija nauk SSSR. Institut geografii. Trudy, no.17)
(MIRA 11:3)

(Volga Valley--Geology, Structural)

FEDOROVICH B.A.

GORELOV, S.K., FEDOROVICH, B.A., doktor geogr. nauk, otd. red.; MESHCHERYAKOV,
Yu.A., kand. geogr. nauk, otd. red.; VOLINSKAYA, V.S., red. izd-via;
NOVICHKOVA, N.D., tekhn. red.

[Geomorphology and neotectonics of the right bank of the lower Volga]
Geomorfologija i noveishaja tektonika pravoberezh'ja nizhnei Volgi.
Moskva, Izd-vo Akad. nauk SSSR, 1957. 138 p. (Akademija nauk SSSR.
Institut geografii. Trudy, no.19). (MIRA 11:3)
(Volga Valley--Geology, Structural)

USSR/Soil Science - Genesis and Geography of Soils.

J.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67882

Author : Fedorovich, B.A.

Inst : Institute of Geological Sciences, Academy of Sciences UkrSSR

Title : Geographical Conditions Favoring the Spread of Loess in Eurasia.

Orig Pub : Tr. In-ta geol. nauk. AN USSR. Ser. geomorphol i chet-vertichn. geol., 1957, No 1, 106-115.

Abstract : Examples are given of the spread of loess and loess-like deposits; they confirm V.I. Obruchev's theory of the concentricity of the structure of the Central Asian deserts: stony deserts in the center, sandy deserts on the outskirts, and beyond the borders of the deserts -- loess deposits. When the wind speed is 6-7 meters/second and more (calculated as a yearly average), a rubble-like cover forms

Card 1/2

- 11 -

KALETSKAYA, Mariya Samoylovna; MIKLUKHO-MAKLAY, Artem Dmitriyevich;
FEDOROVICH, B.A., doktor geogr. nauk, oty. red.; VOLINSKAYA, V.S.,
red. izd-va; MARKOVICH, S.G., tekhn.red.

[Characteristics of the Quaternary history of the eastern part of
the Pechora Basin and of the western slope of the Polar Urals]
Nekotorye cherty chetverichnoi istorii vostochnoi chasti Pecherskogo
basseina i zapadnogo sklona Poliarnogo Urala. Moskva, Izd-vo Akad.
nauk SSSR, 1958. 65 p. (Akademija nauk SSSR. Institut geografii.
Trudy, vol. 76) (MIRA 11:10)

(Pechora Valley--Geology, Stratigraphic)
(Ural Mountains--Geology, Stratigraphic)

FEDOROVICH, Boris Aleksandrovich

Deserts given water. Moscow, Foreign Languages Publishing House,
1958.

110 P. Illus., Map.
Tr. by L. Lasker, from the original Russian: Napoyennaya zemlya.

FEDOROVICH, B.A.

DOSKACH, A.G.; OLYUNIN, V.N.; FEDOROVICH, B.A.

"Problems in the geography of Kazakhstan, no.2." Reviewed by A.G.
Doskach, V.N. Olyunin, B.A. Fedorovich. Izv. AN SSSR. Ser. geog.
no.1:167-169 Ja-F '58. (MIRA 11:2)
(Kazakhstan--Geography)